

### **Abstract of the Invention**

**[0095]** A discharge gate assembly adapted to be secured in material receiving relation relative to a standard opening toward a bottom of a railroad hopper car is disclosed. The gate assembly of the present invention satisfies AAR requirements and specifications and includes a rigid frame defining a ledgeless and generally rectangular discharge opening which is sized substantially equivalent to the standard opening defined toward the bottom of the railcar whereby allowing commodity discharged from the opening in the railroad hopper car to pass through the gate assembly with minimum interference or obstruction thereby promoting the discharge of commodity from the railroad car. A gate is slidably movable between open and closed positions relative to the discharge opening on the gate assembly and is suspended, in a closed position, by a series of supports extending therebeneath.